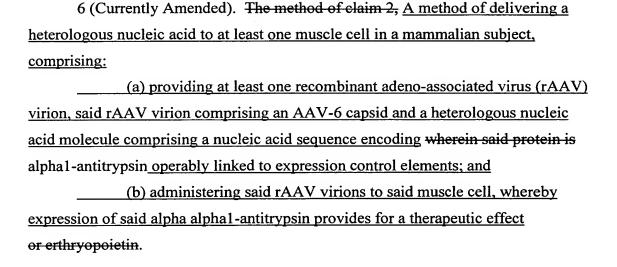
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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-5. Cancelled.



7 (Currently Amended). The method of claim 6 1, wherein said administering of said rAAV virions is by way of direct injection to said muscle cell of said mammalian subject.

8 (Original). The method of claim 7, wherein said muscle cell is a skeletal muscle cell.

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9 (Currently Amended). The method of claim <u>6</u> +, wherein said administering of said rAAV virions is by way of administration to a vascular conduit of said mammalian subject.

10 (Original). The method of claim 9, wherein said vascular conduit is a vein.

11 (New). The method of claim 9, wherein the nucleic acid molecule comprises two AAV2 inverted terminal repeats (ITRs).

12 (New). The method of claim 9, wherein the AAV-6 capsid has an amino acid sequence of SEQ ID NO:13, with one or more a Phe at position 129 of SEQ ID NO: 13; an Asp at position 419 of SEQ ID NO:13; a Lys at position 531, a Leu at position 584, a Val at position 598, and a His at position 642.

13 (New). The method of claim 9, wherein the AAV-6 capsid is encoded by the nucleotide sequence of SEQ ID NO:19.